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Practice Limited to Patent Law

January 4, 2007

Commissioner of Patents
U.S. Patent and Trademark Office
Customer Service Window, MS Amendment
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Re:

Information Disclosure Statement

Appl. No.:

10/593,119

Filed:

September 18, 2006

Title:

Novel Alcohol Dehydrogenases

Inventor(s):

Schulze, et al.

Atty. Dkt.:

7601/88256

Dear Sir:

The following documents are being forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

- 1. Information Disclosure Statement;
- 2. PTO/SB/08a (list of references);
- 3. References B1 and C1-C2; and
- 4. Return Postcard.

Applicants do not believe that any fee is due for the filing of the above documents. However, the Director is hereby authorized to charge any fee deficiency for this filing to our Deposit Account No. 50-4056 under Order No. 7601/88256.

It is respectfully requested that the enclosed postcard be stamped with the date the enclosed documents are received by the PTO and that it be returned as soon as possible.

Very truly yours,

LAW OFFICE OF MICHAEL A. SANZO, LLC

Michael A. Sango

Michael A. Sanzo Reg. No. 36,912

Attorney for Applicant

JAN 0 4 2007 JAN 0

In re patent application of:

Schulze, et al.

Appl. No: 10/593,119

Filed: September 18, 2006

For: Novel Alcohol Dehydrogenases

Art Unit: 1656

Examiner: To be assigned

Atty. Dkt.: 7601/88256

Conf. No: 5922

Information Disclosure Statement

Commissioner of Patents
U.S. Patent and Trademark Office
Customer Service Window, MS Amendment
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

Submitted herewith is a listing of documents known to Applicants and/or their attorney in compliance with the requirements of 37 C.F.R. § 1.56. Some of these references were cited in the Search Report for PCT Application No. PCT/EP2005/002557, a copy of which is enclosed herewith. In order to facilitate review by the Examiner, US patents or published US patent applications were substituted for a counterpart foreign applications cited in the Search Report. In particular, US 2006/026561-A1 was cited in place of WO 03091423 and US 2003/134402-A1 and 6,884,607-B2 were cited in place of EP 1213354. Copies of the listed documents, with the exception of United States patent references, are also enclosed.

Applicants do not waive any rights to appropriate action to establish patentability over any of the listed documents should they be applied as references against the claims of the present application. This statement should not be construed as a representation that more material information does not exist or that an exhaustive search of the relevant art has been made.

Consideration of the cited documents and making the same of record in the prosecution of the above-captioned application are respectfully requested.

Applicants do not believe any fees are due for the submission of this Information Disclosure Statement other than those which have been provided. However, the Director is hereby authorized to charge any fee deficiency to our Deposit Account No. 50-4056 under Order No. 7601/88256.

Respectfully submitted,

LAW OFFICE OF MICHAEL A. SANZO, LLC

Michael A. Sanza

 $\mathbf{B}\mathbf{v}$

Michael A. Sanzo Reg. No. 36,912 Attorney for Applicants

Date: <u>January 4, 2007</u> 15400 Calhoun Drive, Suite 125 Rockville, Md. 20855 (240)864-0915

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|---|--------------|-----|---|----------------------|--------------------|--|
| PTO/SB/ | A | 9 | | Application Number | 10/593,119 | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | Filing Date | September 18, 2006 | |
| | | | | First Named Inventor | Schulze | |
| | | | | Art Unit | 1656 | |
| (Use as many sheets as necessary) | | | | Examiner Name | To be assigned | |
| Sheet | 1 | of | 2 | Attorney Docket | 7601/88256 | |

| Examine | Cite | Document Number | Publication Date | Name of Patentee or | Pages, Columns, Lines, | |
|----------------|------|-------------------------------|------------------|-----------------------------|---|--|
| Initials* No.1 | No.1 | Number-Kind Code ² | MM-DD-YYYY | Applicant of Cited Document | Where Relevant Passages or Relevant Figures Appear | |
| | Al | US-2006/026561-A1 | 11-02-2006 | Hummel, et al. | | |
| | A2 | US-2003/134402-A1 | 07-17-2003 | Asako, et al. | | |
| | A3 | US-6,884,607-B2 | 04-26-2005 | Asako, et al. | | |
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| FOREIC | FOREIGN PATENT DOCUMENTS | | | | | | | |
|------------------|--------------------------|--|------------------|--|---|----|--|--|
| Examiner | Cite No.1 | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | Тé | | |
| Initials* | | Country Code ³ -Number ⁴ -Kind Code ⁵ | MM-DD-YYYY | | | | | |
| | ві | EP 1382683-A2 | 01-21-2003 | Sumitomo Chemical Co., Ltd. | | | | |
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| Examiner | | Date | |
| Signature | | Considered | |

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

| PTO/SB/08b | | _ | | Application Number | 10/593,119 |
|---|---|----|---|----------------------|--------------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | | | Filing Date | September 18, 2006 |
| | | | | First Named Inventor | Schulze |
| | | | | Art Unit | 1656 |
| | | | | Examiner Name | To be assigned |
| Sheet | 2 | of | 2 | Attorney Docket | 7601/88256 |

| NON PATENT LITERATURE DOCUMENTS | | | | | | | | | |
|---|--------------|---|--|--|--|--|--|--|--|
| Exami ner Initials | Cite No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | | | | | | |
| | C1 | WANG, et al., "Cloning sequence analysis and expression in Escherichia Coli of the gene encoding phenylacetaldehydereductase from styrene-assimilating Corynebacterium sp. strain ST-10," <i>Appl. Microbiol. Biotechnol.</i> 52:386-392 (1999) | | | | | | | |
| C2 HUMMEL, W., "New alcohol dehydrogenases for the synthesis of chiral compounds," Adv. Biochel Biotechnol. 58:145-184 (1997) | | | | | | | | | |
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| Examin Signatu | | Date Considered | | | | | | | |

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.